

Material Safety Data Sheet

Section 1 General Information

Manufacturer:

Zinsser Company, Inc.
173 Belmont Drive
Somerset, NJ 08875
(732) 469-8100

HMIS Rating

HEALTH: 1
FLAMMABILITY: 0
REACTIVITY: 0

Emergency Telephone: Chemtrec (800) 424-9300**Date:** June 18, 2002**Product Name:** Z-54 Border Primer**Product Codes:** 02604

Section 2 Hazardous Ingredients

<u>Hazardous Component</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Ethylene Glycol	107-21-1	N/E	100 mg/m ³ (C)
Sodium Aluminosilicate	1344-00-9	20 mppcf	10 mg/m ³ * (3 mg/m ³ **)
Vinyl Acetate Monomer	108-05-4	N/E	10 ppm

* Total Dust

** Respirable Dust Fraction

Section 3 Hazard Identification

Emergency Overview: This material is non-flammable, white flowable liquid with a flashpoint above 200° Fahrenheit.

Primary Routes of Exposure:

Inhalation
Skin Contact
Eye Contact

Potential Acute Health Effects:

Eye: May cause eye irritation.

Skin: Prolonged or repeated contact may cause skin irritation

Ingestion: Not hazardous under intended use conditions.

Inhalation: May cause respiratory tract irritation.

N/A: Not Applicable N/D: Not Determined N/E: Not Established N/R: Not Required Est.: Estimated

Potential Chronic Health Effects: None known

(See also Sections 4, 8, and 11 for related information)

Section 4 First Aid Measures

Eye contact: Flush eyes with water for at least 15 minutes.

Skin contact: Wash with soap and water.

Ingestion: If the person is conscious and able to swallow have them drink water to dilute. Call a poison control center, physician, or emergency room.

Inhalation: No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of vapors or mists, remove to fresh air and get medical attention if cough or other symptoms develop.

Note to Physician: Treat symptomatically. This material is basically non-toxic. A small quantity (approx. one tablespoon) is unlikely to cause harm.

Section 5 Fire Fighting Measures

Flash Point (method): N/D (estimated > 200° F)

Extinguishing Media: Use water spray, foam, or carbon dioxide when fighting fires involving this material.

Protection of Firefighters: As in any fire, wear NIOSH approved self-contained breathing apparatus pressure-demand and full protective gear.

Fire and Explosion Hazards: Material will not burn.

Section 6 Accidental Release Measures

Personal Precautions: Slippery, can cause slips and falls if walked on.

Clean Up Methods: Contain spill with sand or other diking material. Soak up small spills with absorbent material. Dispose of in accordance with federal, state, local, regulations.

(See also Section 8 for information on Exposure Controls and Personal Protective Equipment)

Section 7 Handling and Storage

Handling: Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Wash hands before eating.

N/A: Not Applicable N/D: Not Determined N/E: Not Established N/R: Not Required Est.: Estimated

Storage: Keep from freezing. Keep container closed when not in use.

Section 8 Exposure Controls / Personal Protection

Engineering Controls: If necessary, use general room dilution ventilation, process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Personal Protective Equipment (PPE):

Eye Protection: Eye contact should be avoided. Where eye contact is likely, wear chemical splash goggles and/or full-face shield.

Skin Protection: Wear gloves to prevent prolonged skin contact.

Respiratory Protection: None needed under normally anticipated use conditions. If vapor levels exceed allowable exposure limits, wear a NIOSH approved air purifying respirator with an organic vapor cartridge.

General Hygiene Practices: Avoid eye and skin contact. Avoid breathing vapors. Wash hands before eating and drinking.

Section 9 Physical Data

Appearance:	White flowable liquid	Odor:	Mild odor
Physical State:	Liquid	pH:	8.7 to 9.6
Boiling Point:	Above 200° F	Melting Point:	Below 32° F
Vapor Pressure:	N/D	Vapor Density:	N/D
Odor Threshold:	N/D	Viscosity:	2,000 –4,000 cps
Solubility in Water:	Dilutable in water	Specific Gravity (water = 1):	1.08

Section 10 Stability and Reactivity

Stability: Stable, non-reactive.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: None known.

Conditions to Avoid: None known.

N/A: Not Applicable N/D: Not Determined N/E: Not Established N/R: Not Required Est.: Estimated

Incompatibility: None Known.

Section 11 Toxicological Information

Carcinogenicity: This material is not considered a carcinogen by IARC or NTP and is not regulated as a carcinogen by OSHA.

(See also Section 15 for related information)

Section 12 Ecological Information

Chemical Fate and Effects: No data available.

Section 13 Disposal Considerations

Recommended Waste Disposal Method: This material is not considered hazardous waste under Federal Hazardous Waste Regulations (40CFR 261). However, state and local requirements for waste disposal may be more restrictive or otherwise differ from federal regulations. Chemical additions, processing or otherwise altering this material may render the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Consult all applicable federal, state, and local regulations regarding the proper disposal of this material.

Section 14 Transportation Information

Regulated by the DOT: Not regulated

DOT Proper Shipping Name: Paint

UN / NA Number: N/A

Section 15 Regulatory Information

CERCLA:

The Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) requires notification to the National Response Center for releases of quantities of Hazardous Substances equal to or greater than the reportable quantities (RQs) in 40 CFR 302.4 (for CERCLA 102).

Components present in this product at a level which could require reporting under the statute are:

<u>Chemical Name</u>	<u>CAS#</u>	<u>Maximum Concentration (Wt. %)</u>
None	N/A	N/A

N/A: Not Applicable N/D: Not Determined N/E: Not Established N/R: Not Required Est.: Estimated

SARA Title III, section 311/312:

The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355 (used for SARA 302, 304, 311 and 312).

Components present in this product at a level which could require reporting under the statute are:

<u>Chemical Name</u>	<u>CAS#</u>	<u>Maximum Concentration (Wt. %)</u>
None	N/A	N/A

SARA Title III, section 313:

The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313).

Components present in this product at a level which could require reporting under the statute are:

<u>Chemical Name</u>	<u>CAS#</u>	<u>Maximum Concentration (Wt. %)</u>
Ethylene Glycol	107-21-1	2%
Vinyl Acetate Monomer	108-05-4	0.15%

TSCA:

The components of this mixture are listed in the Toxic Substance Control Act Inventory of Chemical Substances.

This product does not contain any chemicals that require export notification under Section 12(b) of the TSCA regulation.

Section 16 Other Information

Legend: N/A: Not Applicable N/D: Not Determined
N/E: Not Established N/R: Not Required
STEL: Short Term Exposure Limit C: Ceiling Value
cps: Centipoise mg/m³: milligrams per cubic meter
mppcf: million particles per cubic foot of air. PPM: Parts Per Million
PPB: Parts Per Billion PEL: Permissible Exposure Limit
TLV: Threshold Limit Value TWA: Time Weighted Average
ACGIH: American Conference of Governmental Industrial Hygienists
CPSC: Consumer Product Safety Commission
DOT: US Department of Transportation
FHSA: Federal Hazardous Substance Act
OSHA: Occupational Safety and Health Administration (US Dept. of Labor)
RCRA: Resource Conservation and Recovery Act
SARA: Superfund Amendment and Reauthorization Act
Skin: This substance has the potential to be absorbed systemically through the skin.

N/A: Not Applicable N/D: Not Determined N/E: Not Established N/R: Not Required Est.: Estimated

TSCA: Toxic Substance Control Act

HMIS Key

- 4 = Severe Hazard
- 3 = Serious Hazard
- 2 = Moderate Hazard
- 1 = Slight Hazard
- 0 = Minimal Hazard

Prepared By: Zinsser Health and Safety Manager, Regulatory Compliance Dept.
173 Belmont Drive Somerset, NJ 08875 (732) 469-8100

Disclaimer: Zinsser Company, Inc. believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this material safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials and make no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and data and to comply with all applicable international, federal, state, and local laws and regulations.

N/A: Not Applicable N/D: Not Determined N/E: Not Established N/R: Not Required Est.: Estimated
